TO CORRESPONDENTS.

"*Portsmouth Block Machinery.*"—"M. R's." statement is support of his assertion next week.

"*Burning the Dead.*"—Several communications on this subject stand over.

"*Window Tax.*"—"J. R." will find a reply in Mr Hickman's remarks in our present number.

"W. C.," "C. G." (not yet read), "H. G.," "P. P.," "Cæsar," "C. B." (we decline giving addresses), "E. L.," "O. O. O." (the arrangement would of course include means for the periodical conveyance of the bodies), "M. N.," "T. O." (we are forced to decline, such inquiries are so nonsperous), "B. B." (shall appear), "J. G. H." (sketches duly received; shall be attended to in a day or two), "T. R." (we are unable to assist), "Subscriber from Commencement" (No. 31, Great Marlborough-street), "Zero," "the rails of the Great Western were originally laid, as now, on the broad guage), "W. J. W." (declined with thanks), "F. W. R.," "H." (bide a bit), "G. F. H." (all depends on the communication which took place; we cannot offer an opinion), "R. B.," "Mentor," "W. C." (shall hear from us), "C. R. S.," "M. P.," "A Lady," "J. L. T." (such roofing is not trustworthy), "C. F. jun.," "E. A. A.," "O. M.," "A Catholic Subscriber," "R. M.," "P. G." (the openings should be deducted), "J. L.," Dublin,—"Description of a Roman Building; &c., at Carrleon," by J. E. Lee (J. K. Smith, Compton-street); "View of Nan-J. E. Lee (J. K. Smith, Compton-street); "View of Nan-quelloy House, Whitehall," by O. H. Hansard, Architect quelloy House, Whitehall," by O. H. Hansard, Architect (Weale); "Report on Permanent Way," by P. W. Barlow, C. E.; "Reports," Nos. 1 and 3; "London (Watford) Spring Water Company," Report by Mr. Homersham, C. E. (Weale); "The Building Societies' Directory" (E. Wilson, Royal Exchange, London).

ADVERTISEMENTS.

TO DRAUGHTSMEN AND CIVIL ENGINEERS.

H. MORRELL, BLACK LEAD PENCIL MANUFACTURER, No. 140, Fleet-street, London.

These Pencils are prepared in various degrees of hardness and shades.

H H H for drawing on wood.	F F light and shading.
H H H for architectural use.	F for general use.
H H for engineering.	H black for shading.
H for sketching.	H B ditto ditto
H B hard and black for drawing.	H B B ditto ditto
	H B B B ditto ditto

M medium.

All by all the principal Stationers in town or country.

CHEAP, STATIONERY DEPOT for Architects, Builders, and the Profession generally.—Notepaper, five quires for 6d.; Letter-paper, five quires for 1s.; Envelopes 4d. per 100; best Sealing-wax, fifteen sticks for 1s.; Double Elephant, 4d. per sheet; Cartridge, 1s. 6d. per quire; best Pens (warranted to any pattern, 1s.—Inferior, 6d. and upwards; Steel Pens, 1s. per gross; and every description of Stationery at equally low prices.—Orders (per post) promptly attended to, and the goods delivered free to any part of London.—Address to JOHN NEWELL, Wholesale and Retail Stationer, No. 11, Stockbridge-terrace, Pimlico.

ANCIENT HOUSE FURNITURE.—In order to supply the deficiency which has hitherto existed in Furniture, suitable for the many Mansions that have been erected or restored in the MEDIÆVAL STYLES, Messrs GRACE have directed their particular attention to this subject, and have prepared appropriate specimens in the various branches of furnishing.

STUFF for HANGINGS, in simple worsted damask, also in tapestry of Beauvais.

CARPETS, plain or in rich velvet pile, with appropriate borders.

PAPER HANGINGS of various kinds.

OAK CABINETS, Buffets, Octagon, Library, and occasional Tables, Benches, Chairs, and other useful and appropriate furniture.

The whole of the above-mentioned furniture, &c., are designed after ancient authorities, and executed under the immediate superintendence of Mr. A. W. PUGIN, architect. In order to render this furniture generally available, a considerable portion has been arranged in the simplest manner consistent with its ancient character.—No. 14, Wigmore-street, January, 1850.

IRON SASH ROOFS for CONSERVA-TORIES &c. Verandahs, cast or wrought Staircases light or hearing Railing, Gates, ornamental Wire-fences, Hurdles, Iron Stands; also every description of cast or wrought-iron work for building purposes, corrugated and galvanized Iron Roofing, &c., on the most equitable terms, by J. BULLOCH and Co., Hope Iron Works, Primrose-street, Bishopsgate.—Buildings heated by hot water.

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CLARK and Co., Sole Manufacturers, and of IMPROVED DRAWN ORNAMENTAL METALLIC BASH BARS, ASTRAGALS, MOULDINGS, STALL-BOARD PLATES, &c. &c., in brass, copper, and zinc. Gas Fittings, Chandeliers, and Internal Rods Fittings for Shops of every description. WROUGHT-IRON GIRDERS, HOT-WATER APPARATUS, and metal work connected with buildings. Testimonials of architects and others having them in use will be forwarded free on application to CLARK and Co., Engineers, 139, Wapping, London; or to Mr G. HOUSTOUN, 17, George-street, Edinburgh, Agent for Scotland.

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To Engineers, Architects, Builders, &c., and to the Shipping and Mining interests.

THE PATENT IMPROVED METALLIC WIRE CORDAGES of R. & R. NEWALL and CO.—viz. CUP PER CORD for window sash lines, bellhouse sash lines, 14 to 18 size crinoline do., &c.; SILVERED and GILT METAL CORD for gas stove hangings; IRON CORD for tower clocks, for tent ropes, cloth shoes, &c., &c., are now very extensively used. Their great evenness as to chemp ness, durability, flexibility, and elegance of appearance, when compared with hempen and other cordage have been satisfactorily established during upwards of six years' experience of their application in every variety of circumstances. R. & R. NEWALL and Co.'s Patent Wire Ropes have, it is well known, generally superseded the use of hempen ropes for railway inclines and for colliery pits, and the attention of the shipping interest is now respectfully called to their superior adaptation for CHAPS' STANDING RIGGING, for which important purpose the demand is steadily increasing. The Patent Wire Rope is also particularly suited for CABLES for SUSPENSION BRIDGES. STAYS for cranes, shears, &c. Specimens, testimonials, and other particulars, will be forwarded on application, Office, 139, Strand, London; Warehouse, Brunswick-street, Blackwall; Manufactory, Gateshead-on-Tyne.

30, STRAND,

To Noblemen, Landed Gentry, Agriculturists, Road and Railway Contractors, &c.

THE PATENT IRON-WIRE-STRAND FENCING, as furnished, with all its fittings, by R. & R. NEWALL and CO., having elicited the unqualified approval of road judges, is confidently recommended as the best fencing for park and farm enclosures or sub-divisions, for temporary agricultural enclosures (instead of any kind of hurdle or netting), for road sides, and all other fencing. The PATENT WIRE-STRAND FENCE possesses an economy, security, durability, and elegance not to be found in combination in any other form hitherto introduced. This fencing, as fixed by R. & R. NEWALL and CO., after the model of the fences of this material in the Slopes and Home Park at Windsor, has the inherent property of remaining PERFECTLY TIGHT AND RIGID UNDER ANY VARIATIONS OF TEMPERATURE. Though the strands yield under the weight of persons climbing over the fence, they do not take the permanent set, which often renders ordinary wire fencing unsightly; and, owing to the great elasticity and strength of the whole frame, is sustains any pressure from cattle without injury or loss of symmetry.

N.B. The fencing of R. & R. N. and Co. is sufficiently palpable to sight to prevent all risk of accidents to cattle from invisibility.

Office, 139, Strand, London; Manufactory, Gateshead-on-Tyne.

TO CONSUMERS of PLASTER of PARIS. —The Advertiser is in a position to supply the above article in quantity at extreme low rates.—Particulars may be had on application.—Address, W. B. WILKINSON, Pendhoe-street, Newcastle-on-Tyne.

ATKINSON'S CEMENT.—This Cement has hitherto been manufactured in Yorkshire, and through long detention at sea, has often proved stale and unfit for use on its arrival in London. By the arrangement now made, the Cement will be manufactured in London, and thus presented to consumers in a fresh and genuine state, by the sole Agents, J. B. WHITE and SONS, Millbank-street, Westminster.

KEENE'S and PARIAN CEMENTS, for internal stucco, are employed very advantageously in place of wood for skirtings, architraves, and panel mouldings, and for inside flooring, internal stations. The peculiar properties of PARIAN Cement allow of its being painted or papered upon within a few hours of its application, and thus render it an important substitute for common plastering in those cases where imposition and beauty of finish are essential.—J. B. WHITE and SONS, Millbank-street, Westminster, Patentees of KEENE'S General Uses of PARIAN Cement.

PORTLAND CEMENT, as manufactured by J. B. WHITE and SONS, possesses all the properties of the best Roman Cement, but has the advantage over that material of wholly resisting frost. When used as a stucco it does not vegetate or turn green in damp situations, and remains an colour. Employed as an hydraulic mortar for brickwork, it carries four to five measures of sand to one of cement, and is proved by trial to become harder and stronger in these proportions than Roman Cement with but one measure of sand. This superior compacting power, combined with its eminently hydraulic properties, point it out as the finest material for building sea and embankment walls, the lining of reservoirs, cisterns, and baths, and for all those purposes where strength and a perfect resistance to water are required.

Manufacturers—J. B. WHITE and SONS, Millbank-street, Westminster, and 36, Basil-street, Liverpool.

PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, Son of the Patentee.—Messrs. ROBINS, ASPDIN, and Co. request reference to No. 298, page 471; and also Nos. 304 and 326, pages 543 and 591 of "The Builder," for accounts of EXPERIMENTS on the strength of Portland Cements, whereby the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years in the Thames Tunnel to resist the action of water; it is stronger in its cementitious qualities, harder, and more durable than any other description of Cement; it does not vegetate, corrode, or turn green; nor is it affected by any atmospheric influence whatever the climate, resisting all the action of frost and heat. It is manufactured to set in time either from five to thirty minutes. For all purposes that Cement is applicable the Proprietors challenge competition.—Orders received by Messrs. ROBINS, ASPDIN, and Company, at their Works, Gravesend, Kent, and their Wharf, Great Scotland-yard, Whitehall; also by their Agent at the Depôt, 1, Back Goree, Liverpool.

THE PARIAN CEMENT, for INTERNAL STUCCO, which was supplied at Messrs J. & R. MORLEY'S warehouse and dwelling in Wood-street, Cheapside, and in the City, has been used throughout the premises, in every story; altogether about ten thousand yards superficial, chiefly upon recently built walls, and a small portion upon timber partitions, and that with the most perfect and satisfactory result. I feel it also necessary to observe, that the plasterers' work was almost remarkably followed up on the next day by the painters, thereby enabling me to have the buildings complete in the shortest possible time, both for business and for the occupation of the establishment. I am, therefore, of opinion, that the use of this new material is a most valuable feature in building operations, and fully justifies that which I was disposed to understand, viz., that it was an extraordinary material. I think it right to mention that I saw at the present time having a great extent of similar work executed at another range of buildings where time and the quality of the work are of the utmost importance.

(Signed) JNO. WALLEN, Architect, London.

To Messrs Chas. Francis and Sons, Manufacturers.

Nine Elms.

MARTIN'S PATENT

FIRE-PROOF & ORNAMENTAL CEMENT,

APPLICABLE FOR

ALL INTERNAL PURPOSES WHERE PLASTERING IS REQUIRED.

This Invaluable Cement has now been before the public so many years, and obtained so high a standing in the estimation of all who have used it, that it is unnecessary to comment on its merits. Messrs. STEVENS and SON, however feel called upon to caution the public from the greater portion of surface which a given quantity of MARTIN'S will cover, as compared with other Cements for internal use, there will be found a gain of 10l per cent. in material; full 7 per cent. less in price, with an additional saving in labour of 10 per cent., by its adhering about forty minutes longer, being less than one tenth the time of other cements of a similar nature. Therefore worked with greater facility, making together the enormous saving of full THIRTY THREE PER CENT.; its advantages therefore cannot admit of doubt.

Specimens, showing its beauty, hardness, and applicability to all plain and ornamental purposes, may be seen, and the Cement, in any quantities, had of Messrs. STEVENS and SON, at their Plaster and Cement Works, 186, Drury-lane, London.—Manufactory, Derwent Mill, Derby.

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Messrs. Butts and Tovey, 2, South Wharf, Paddington.
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And can be delivered by the Proprietor's own boats to any part of the Kingdom.

GRAY STONE and WHITE FLAME LIME WORKS, NEWLAY CLIFF, on the Medway, KENT.—GEORGE POTTER and CO. having added the old and well-known business at the Purfleet Wharfs, Earl-street, Blackfriars, and Camden Town, to their former town establishment are ready to supply Contractors, Builders, the Companies, and the Trade generally, with Gray Stone, White Flame, and Chalk Limes, upon the usual terms. Annexed is a list of their wharfs:—

City—Purfleet Wharf, Earl-street, Blackfriars.
Pimlico—Grosvenor Basin.
Chelsea—Bruce's Wharf.
Paddington—No 18, North Wharf adjoining Great Western Terminus.
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City-road Basin—Wharf-road.

NEW PATENT MINERAL PAINT.—Invaluable as a coating for IRON RIDER and BOTTOMS, all kinds of WOOD or METAL work, roofing felt, leaky pan-ls, spouts and gutters, dripes, sheds, railing, and all kinds of out-door work, and being perfectly waterproof, will preserve their surfaces from atmospheric influence and decay,—requires no preparation and will dry in a few hours.—Sold in casks 1 to 20 gallons. Brilliant Black, 8s.; Rich Brown, 8s. 6d. per gallon

G. BELL, and Co., No. 18, Basing lane, Cheapside.

CAUTION.—THE PATENT ALKALI COMPANY'S METALLIC BLACK AND PURPLE BROWN PAINTS.—Attempts having been made to sell other paints by the aid of the Company's testimonials, the public are informed that the under mentioned are the only authorized agents for the sale of these important and valuable productions:—

AGENTS—Messrs Bryant and May, 133, Tooley-street, London; Mr. James Low, Bristol; Messrs Evans and Hodgson, Exeter; Mr. Samuel John Phil, Yarmouth, Norfolk; Mr. D. Sanderman, Glasgow; Mr. G. Sanderman, Dundee; Mr. R. Newby, Rossford, Yorkshire; Mr. R. R. Parr, Kidsgrove; Mr. W. Bailey, Wolverhampton; Mr. Robert Orland, Plymouth; Mr. H. J. Buchan, Northampton; Mr. Edward Wilson, Manchester; Mr. H. W. Potter, Manchester; Mr. H. W. Lowry, Liverpool.

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REDUCED PRICES.—EDWARD SIMMS (late William Cheney, of Wilton-road, Pimlico Bridge) begs to acquaint Builders and the Trade that he has now on hand at his Manufactory (the first of its kind ever established) a large Assortment of Dry and well-seasoned OAK and DEAL, PAVE FARED FLOORING BOARDS and MATCH BOARDING of all sorts, from 4 inch to 1½ inch thick, planed to a parallel width and thickness, and at greatly Reduced Prices. Also, Timber, Deals, Oak Planks, Scantlings, Sash Sills, Mouldings prepared by Machinery, Lathes, &c.—Apply at E. SIMMS'S late W. Cheney's Flooring Manufactory, Wilton-road, Pimlico Basin.

THOMAS ADAMS, Mahogany and Timber Merchant, Bermondsey New-road, Southwark, begs the Bricklayers' Arms, to SELLING SEASONED FLOORING at LESS PRICES THAN ANY ADVERTISED; also seasoned boards and mouldings prepared from the very best unstarred and on a superior manner. Cabinet and monthly offering dimensions; mahogany, veneers, rosewood, wainscot, elm, beech oak, &c.; pannels, oak, and all other wheelwrights' goods. All sawn and prepared goods (except timber) delivered free of expense. Sawing charged on mill prices. Very extensive stocks always on hand. S. & R. English timber taken in exchange for foreign.

PRESENT PRICES of SEASONED FLOORING, prepared by improved Machinery. Best sorts.

11 in. yellow, per sq.	3in. 6d.	1 in. spruce, per sq.	1in. 6d.
1 " "	2in. 6d.	1 " "	1in. 3d.
1 " "	1in. 9d.	1 " "	1in. 6d.

Widths measured after being sawn and planed. Quantities not less than thirty squares delivered within 3 miles free.

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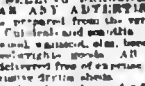

MUIR'S PATENT PLANING MACHINE.

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TIMBER of any size, PLANK, DEALS, and BATTENS, &c., sawn on the most approved principle. Boards, &c., Prepared, Matched, and Grooved, by Muir's Patent Machinery. The Mills have all the advantages of metropolitan and water carriage, being connected with the Thames by the Grosvenor Canal. Goods finished from the docks and carted home free of charge.

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OAK TIMBER.—About Forty Loads of winter felled English oak Timber, of large dimensions FOR SALE at Sanbridge Park, on reasonable terms.—Apply to Mr. A. BLACK, Sanbridge Farm, Bromley, Kent.

JORDAN'S PATENT MACHINE CARVING and MOULDING WORKS for WOOD and STONE, Belvedere-road, Lambeth, and 154, Strand.—TAYLOR, WILLIAMS, and JORDAN beg to call the attention of the building community to a new feature of their establishment, and to the same time to thank their numerous patrons and friends for the very liberal support they have lately experienced, which, they assure them and the public, it will be their constant endeavour to deserve, by giving their customers an increasing share of the advantages arising from the constant improvements in their machinery a here they have just succeeded in applying to the production of the most intricate carving in Caen and other freestones, and in statuary marble.

T. W., and J. particularly solicit the attention of architects and builders to the fact that by the use of this machinery, a very large saving, both of time and money, is effected—a great, indeed, that in many cases they can deliver a well-finished article in Caen stone for less money than it can be obtained in wrought, while their wood-carving will, in some cases, be found to come into close competition with the best kinds of composition ornament.—For prices and estimates apply at 154, Strand.

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Westminster, May 18th 1850.

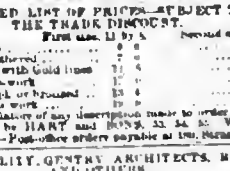
"Gentlemen,—In reply to your letter requesting my opinion of your recent Carving Machinery, I have much pleasure in stating, from an experience of more than two years, in its application to the production of the whole of the carved stone work, and other enrichments of the New Palace, at Westminster, that I am enabled to state that in an unfavourable report concerning it, and to add that it has more than justified the favourable terms in which I recommended it to Lords of her Majesty's Commissioners of Woods and Works for adoption.—I remain, Gentlemen, very faithfully,

"CHARLES BARRY."

Messrs Taylor, Williams, and Jordan."

DAY'S PATENT WIND-GUARD.—Thousands of smoky chimneys have been cured by simply applying at the top of the chimney the perforated, useful, and well tested invention.—To be had at the manufactory and sole proprietor's, CHAS. W. WHITE, at the manufactory and the same Patent Ventilating Works, Commercial-road, Pimlico; and of Messrs. GUNNELL, 37, Queen-street, Cheapside.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.



With internal movement, and all the latest improvements. Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

	First size, 12 by 8	Second size, 16 by 12
Plain Iron Valve	9 6	16 6
Bronzed and Leathered	7 6	13 6
Japanned, white with Gold lines	11 6	20 0
Ditto with Trellis work	13 6	23 0
Brass Front, inside, or bronzed	15 6	27 0
Ditto with Trellis work	18 6	32 0

Valves of any description made to order.

Manufactured by HART and SONS, 33, 34, 35, Wych-street, Strand, London.—Post-office orders payable at the Strand.

TO THE NOBILITY, GENTRY, ARCHITECTS, BUILDERS AND OTHERS.

T. FAIRS, 139, New Bond-street, begs leave to inform them, that he has a large assortment of stained and figured CARTRIDGE PAPER, and that he can execute stained glass quarry glazing for churches, &c., at one third less than the usual trade price.—A very fine PAINTED CHURCH WINDOW, in six compartments, each 9 feet 3 inches high, and 3 feet 5 inches wide (consisting of the four Evangelists, St Peter and St Paul, the Lord's Prayer, and the Creed), to be SOLD at a cheap rate. Also various pieces of old Painted Glass. Two very handsome CARVED STATUARY CHIMNEY PIECES, TO BE SOLD a great bargain. Any gentleman wanting such things, should not miss the opportunity of seeing them at the above address.

FAIRS' and JAMES'S PATENT VENTILATORS are strongly recommended by the faculty; they will be found a very great preservative to health in being applied to bedrooms in all rooms and confined rooms, supplying plenty of pure air, without the annoyance of draft or cold. They will be found most serviceable where gas is introduced into the house, and a very great preventative to darkness and all resultant dangers.—Orders sent to the above address, or to the Manufactory, 13, Gillingham-street, Pimlico, will be punctually attended to.